

with the particular location. For example, the electronic device may provide tactile feedback of increasing intensity to guide the user to a selectable option. As another example, the electronic device may provide tactile feedback indicating the amount the display was scrolled, or a limit to scrolling or zooming the display. Process 1500 may then return to step 1506 and detect the current position of the user's finger on the screen.

[0102] The above described embodiments of the present invention are presented for purposes of illustration and not of limitation, and the present invention is limited only by the claims which follow.

What is claimed is:

1. A method for providing tactile feedback to a user of an electronic device, the method comprising:

determining that the electronic device is within a communications network;

detecting the type of communications network; and

providing tactile feedback to the user based on the detected type of communications network in response to detecting.

2. The method of claim 1, wherein detecting further comprises detecting whether the type of the communications network is one of a WiFi network and a cellular network.

3. The method of claim 1, further comprising:

performing a communications operation using the communications network;

identifying the current status of the ongoing communications operation; and

providing tactile feedback in response to identifying.

4. The method of claim 3, wherein identifying further comprises identifying at least one of the duration of the communications operation, the amount of data sent as part of the communications operation, and the amount of data received as part of the communications operation.

5. The method of claim 3, wherein identifying further comprises identifying at least one of the amount of the communications credit remaining in an account associated with the user and the amount of communications credit used by the ongoing communications operation.

6. A method for providing tactile feedback to a user of an electronic device, the method comprising:

determining that the electronic device is within a communications network;

receiving a communication over the communications network;

detecting the type of the received communication;

identifying tactile feedback associated with the detected type of the received communication; and

providing the identified tactile feedback to the user in response to identifying.

7. The method of claim 6, wherein detecting the type of the received communication further comprises detecting whether the communication is one of a telephone call, a voicemail, an email, a text message, a media message, a chat request, and a fax.

8. The method of claim 6, further comprising:

determining the source of the received communication;

identifying tactile feedback associated with the determined source; and

providing the identified tactile feedback to the user in response to identifying the tactile feedback associated with the determined source.

9. The method of claim 8, wherein determining the source of the received communication further comprises determining a contact from whom the communication was received.

10. The method of claim 9, wherein identifying a tactile feedback associated with the determined source further comprises identifying a tactile feedback associated with the determined contact from a contact profile stored in the electronic device

11. The method of claim 6, further comprising:

receiving a user selection of a particular tactile feedback to associate with at least one of a type of communication and a source of communications; and

associating the selected particular tactile feedback with the at least one of a type of communication and a source of communications.

12. An electronic device operative to provide tactile feedback to a user of the electronic device, the electronic device comprising a processor, memory, a bus, a power supply, and a tactile feedback component, the processor operative to:

determine the current status of available electronic device resources, wherein the electronic devices resources comprise at least one of the memory, bus, power supply, and processor;

identify particular tactile feedback associated with the determined current status of the available electronic device resources in response to determining; and

direct the tactile feedback component to provide the identified tactile feedback to the user.

13. The electronic device of claim 12, wherein the processor is further operative to:

determine whether the available electronic device resources exceed a minimum floor; and

direct the tactile feedback component to provide the identified tactile feedback in response to determining that the available electronic device resources do not exceed the minimum floor.

14. The electronic device of claim 13, wherein the processor is further operative to:

determine whether a particular electronic device resource exceeds a minimum floor associated with the particular electronic device resource;

identify a particular tactile feedback associated with the particular electronic device resource in response to determining that the particular electronic device resource exceeds a minimum floor associated with the particular electronic device resource; and

direct the tactile feedback component to provide the identified tactile feedback associated with the particular electronic device resource.

15. The electronic device of claim 12, wherein the processor is further operative to direct the tactile feedback component to provide at least one of vibration feedback, heat feedback, and electrical feedback.

16. The electronic device of claim 12, wherein tactile feedback provided by the tactile feedback component is characterized by at least one of a frequency, an amplitude, a change in frequency, a change in amplitude, a duration, and period.

17. A method for providing tactile feedback to a user of an electronic device, comprising:

defining a destination;

establishing an initial location of the electronic device;

identifying the current location of the electronic device;

determining whether the current location is nearer the destination than the initial location; and